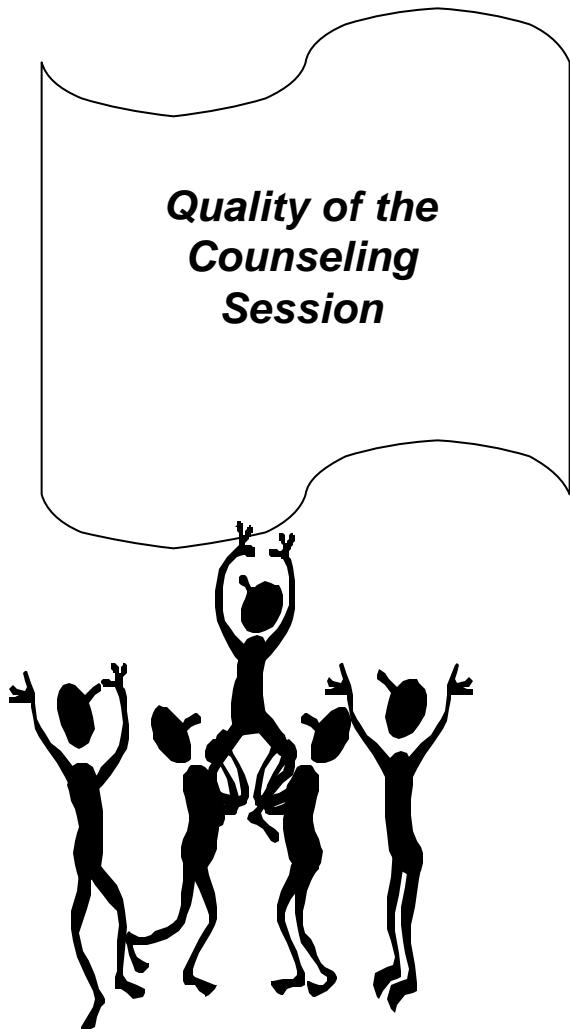


# Research on Cognitive Enhancements

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# **A Quick Summary of Research Findings on the Impact of Node-Link Mapping\***



## **◆ *Memory for the Session:* Maps make treatment discussions more memorable.**

- ◆ K. Knight, Boatler, & Simpson, 1991
- ◆ K. Knight, Simpson, & Dansereau, 1994

## **◆ *Focus:* Maps increase on-task performance in group sessions and are especially helpful for clients who have attentional problems.**

- ◆ Dansereau, Dees, Greener, & Simpson, 1995
- ◆ Dansereau, Joe, & Simpson, 1993
- ◆ D. Knight, Dansereau, Joe, & Simpson, 1994
- ◆ Joe, Dansereau, & Simpson, 1994
- ◆ Czuchry, Dansereau, Dees, & Simpson, 1995
- ◆ Dansereau, Joe, & Simpson, 1995

## **◆ *Communication:* Maps give clients greater confidence in their ability to communicate. This is especially so for non-Anglo clients and clients with limited education.**

- ◆ Pitre, Dansereau, & Joe, 1996
- ◆ Dansereau, Joe, & Simpson, 1996
- ◆ Blankenship, Dees, & Dansereau, 1997 in progress
- ◆ Newbern, Dansereau, & Pitre, 1999

## **◆ *Ideas:* Maps facilitate the production of insights and ideas. Maps:**

### **Stimulate greater session depth,**

- ◆ Dansereau, Dees, Greener, & Simpson, 1995
- ◆ Newbern, Dansereau, Dees, 1997

### **Identify gaps in thinking,**

- ◆ Pitre, Dansereau, & Simpson, 1997

### **Uncover psychological issues,**

- ◆ Collier, Czuchry, Dansereau, & Pitre, submitted
- ◆ Czuchry & Dansereau, submitted
- ◆ Dansereau, Joe, & Simpson, 1993

### **Can provide greater breadth.**

- ◆ Dansereau, Joe, & Simpson, 1993

*(What Research Reveals About the Impact of Mapping, continued)*



### **Quality of the Client & Counselor Relationship**

◆ **Rapport** *Mapping facilitates the counselor-client therapeutic alliance.*

- ◆ Dansereau,Joe,& Simpson, 1993
- ◆ Dansereau,Joe,& Simpson, 1996
- ◆ Dansereau,Joe,Dees, & Simpson, 1996
- ◆ Simpson,Joe,Rowan-Szal, & Greener, 1996

**During Treatment Outcomes**  
(e.g., issue resolution & more effective life skills)

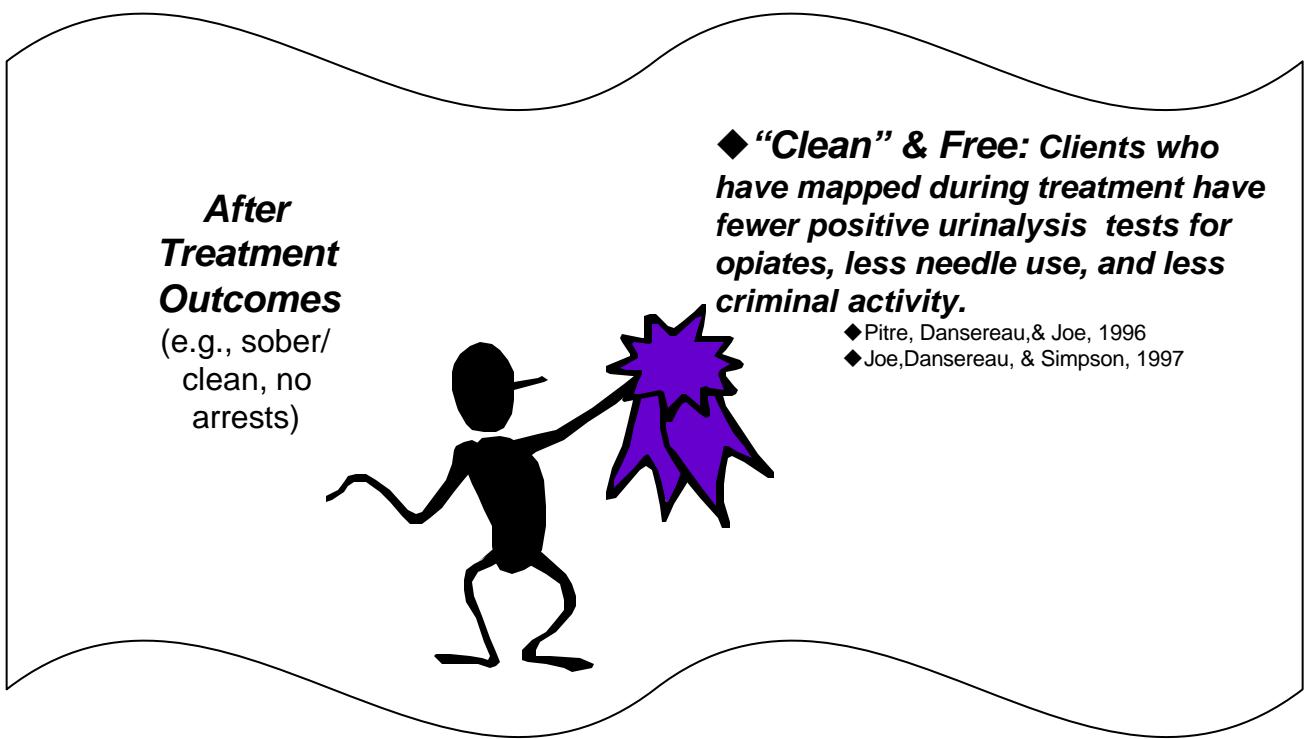
◆ **Positive Feelings Toward Self & Treatment** *Maps facilitate self-confidence, self-efficacy & problem solving. They can foster positive feelings about personal progress in treatment and positive perceptions of treatment process.*

- ◆ Dansereau,Joe,& Simpson, 1993
- ◆ Dansereau,Joe,& Simpson, 1995
- ◆ Dansereau,Joe,Dees, & Simpson, 1996
- ◆ Joe,Dansereau, & Simpson, 1994
- ◆ Pitre,Dees,Dansereau, & Simpson, 1997
- ◆ Czuchry,Dansereau,Dees, & Simpson, 1995
- ◆ D. Knight,Dansereau,Joe,& Simpson, 1994
- ◆ Pitre, Dansereau, Newbern & Simpson, 1997
- ◆ Blankenship, Dees, & Dansereau,in progress
- ◆ Newbern, Dansereau,& Pitre, 1999

◆ **Show Up “Clean”**: *Clients who map miss fewer sessions and have fewer positive urinalysis tests for opiates or cocaine.*

- ◆ Czuchry,Dansereau,Dees,& Simpson,1995
- ◆ Dansereau,Joe,Dees, & Simpson, 1996
- ◆ Dansereau,Joe,& Simpson, 1993
- ◆ Joe,Dansereau, & Simpson, 1994
- ◆ Dansereau,Joe,& Simpson, 1995
- ◆ Dees,Dansereau,& Simpson, 1997

## **(What Research Reveals About the Impact of Mapping, continued)**



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